

RESERVE COPY

A.D. 1886, 2nd APRIL. N° 4624.

COMPLETE SPECIFICATION.

Actinometers for Photography.

We, WILLIAM FORD STANLEY, of Cumberlow, South Norwood, Optician, and WILLIAM LOW SARJEANT, of 7 Belgrave Road, South Norwood, Optician, do hereby declare the nature of our said invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

For an actinometer of a very portable form such as may be suspended upon a watch chain. For this I make a circular metal case similar to a small magnetic compass case. This opens by a snap or screw lid. A roll of sensitive paper prepared with a salt of Bromine is rolled up upon a pin in the centre of the case and one end of the roll is brought through a slot in the edge of the case; on the edge of the case a light box is fixed covered with glass.

The Bromo-sensitive paper is drawn through the box under the glass and in this position exposed to the light. Half or a part of the underside of the glass is painted or covered with a piece of paper permanently tinted to the colour that the sensitive paper will acquire after a certain interval of exposure, which interval gives a proportional time for the exposure of a photographic plate. The case described may be made of metal or partly of wood or ivory. Any sensitive salt of Bromine may be used to replace the ordinary chlorine salt previously used for actinometers. The detail of this invention may be slightly varied.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

1. The making of a photographic actinometer of circular form as described with handle for suspension.
2. The filling of an actinometer with paper made sensitive with a salt of Bromine.

Dated 31st March 1886.

WM FORD STANLEY.
W. LOW SARJEANT.

LONDON: Printed by EYRE AND SPOTTISWOODS,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.

1886.

[Price 4d.]